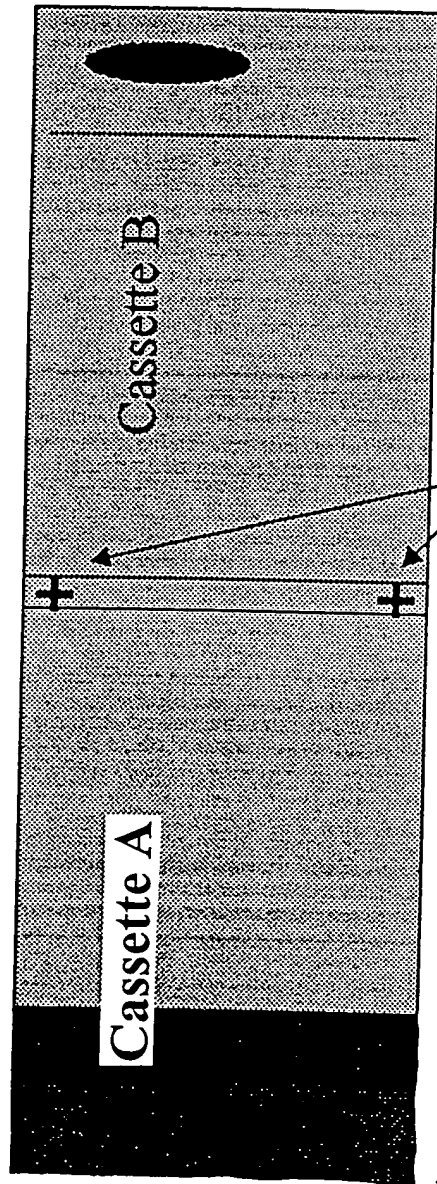


FIG. 1A

## Scoliosis IP Cassette

Tube side view



Registration marks on cassette  
for quick alignment

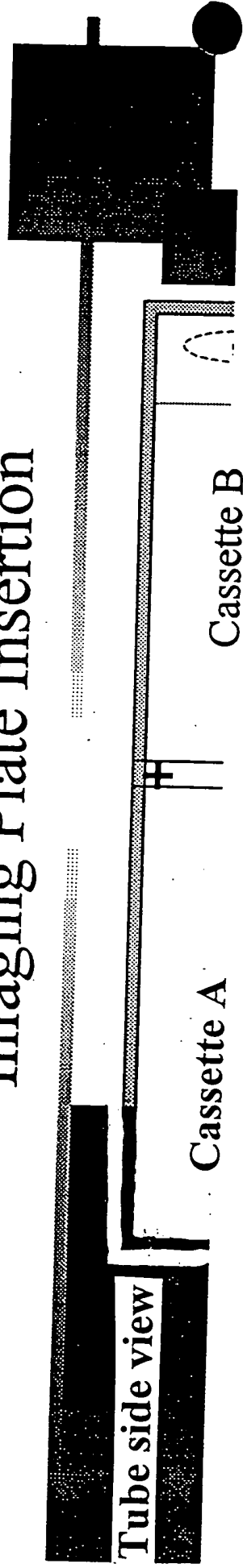
Cassette edge view



*Cassettes are joined at the bottom - back is no longer  
hinged and Carbon fiber front may be replaced with  
Aluminum for strength of long cassette.*

FIG. 1B

## Imaging Plate Insertion



2 Imaging Plates (IP's) are inserted into cassette and overlap slightly

Cassette edge view  
(Magnified)

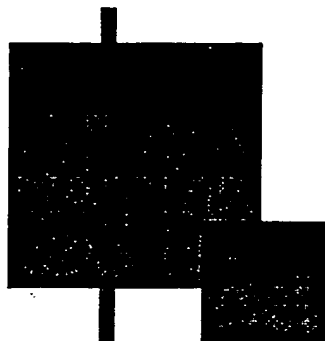
FIG. 2

Because of the overlap, no diagnostic image information is lost  
There is no gap between the IP's

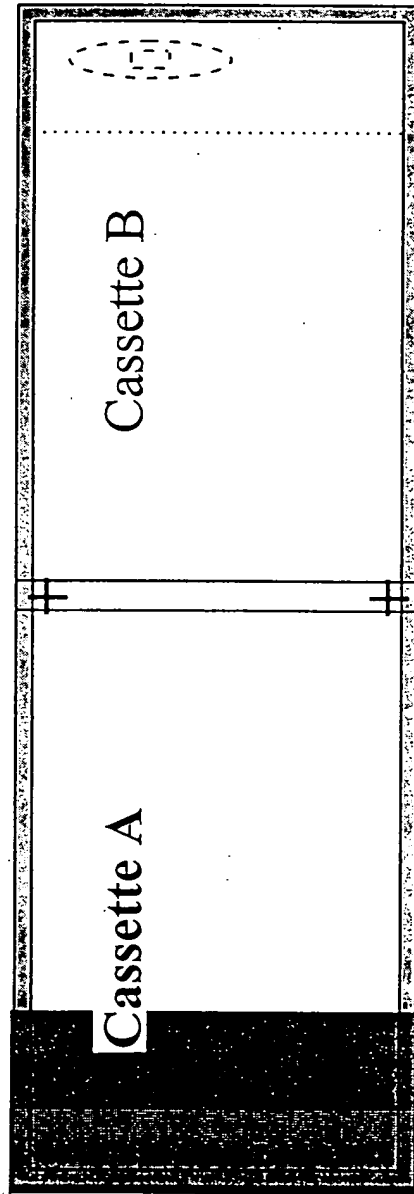
F1G. 3A

TOP SEED

## Imaging Plate Insertion



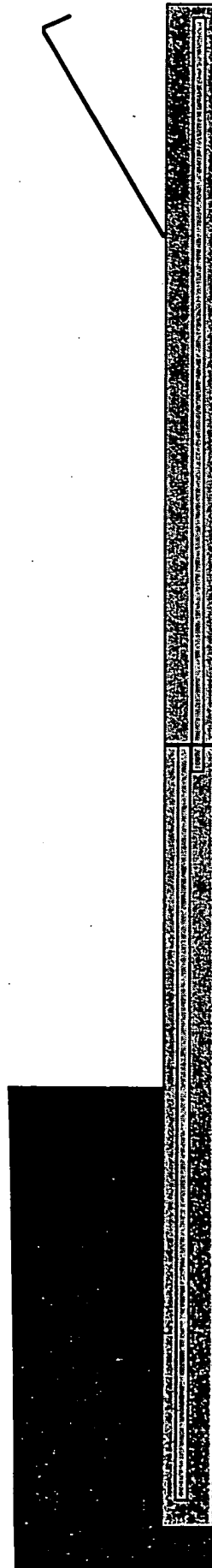
Tube side view



2 Imaging Plates (IP's) are inserted into cassette and overlap slightly

Cassette edge view  
(Magnified)

F1G 3B

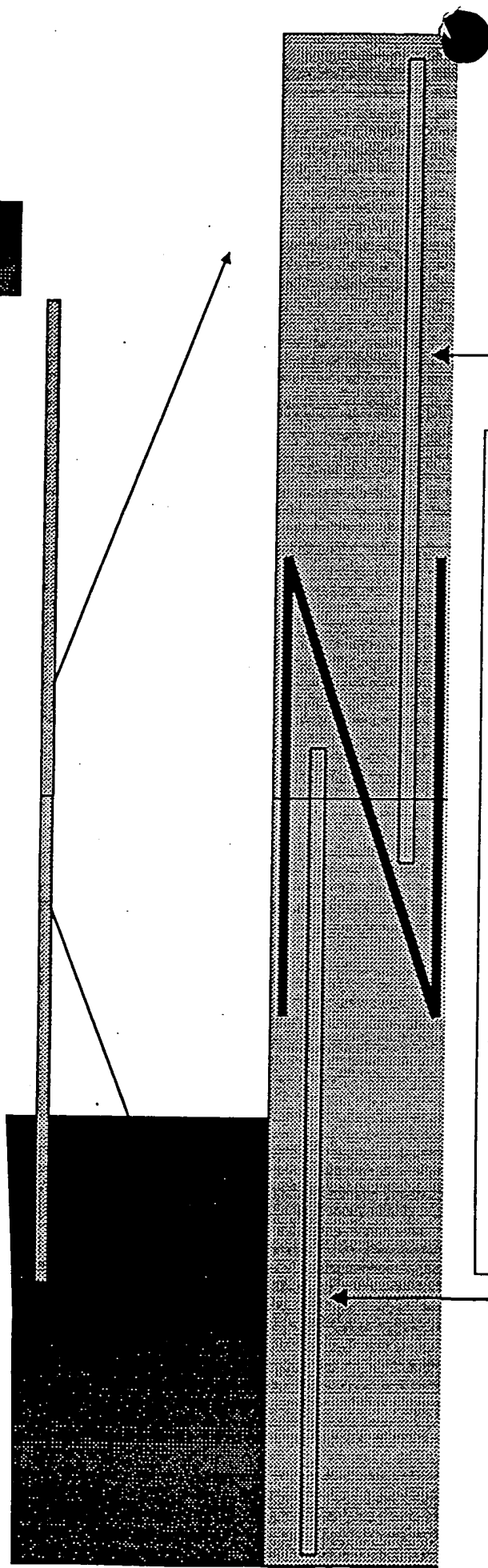


the overlap, no diagnostic image information is lost  
There is no gap between the IP's

FOI b7D b7C b2 b6 b7E

# Scoliosis IP Cassette

Cassette edge (Magnified  
at junction of cassettes)



*Imaging Plates most overlap  
and a folded sheet of polyester can be used as  
a separator at the junction of the two cassettes*

IP-1

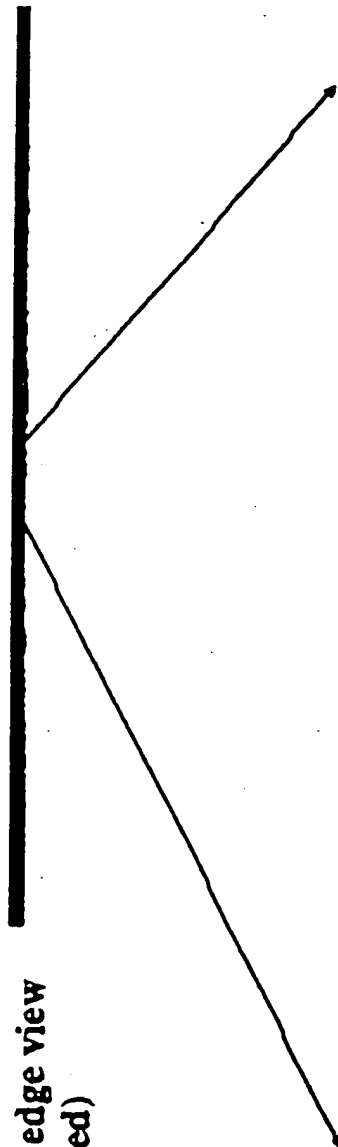
IP-2

FIG. 4

TOP SECRET

## Scoliosis IP Cassette

Cassette edge view  
(Magnified)



*Imaging Plates must overlap  
Z - folded sheet of film can be used as separator  
at the junction of the two cassettes*

IP-1

IP-2

FIG. 5